

Articles (2016-2018) with acknowledgements for PN-II-RU-TE-2014-4-0009

- *Influence of Cu Doping on the Electronic Structure and Magnetic Properties of the Mn_2VAl Heusler Compound*, R. Gavrea, A. Bolinger, V. Pop, O. Isnard and D. Benea, *physica status solidi b*, in press, DOI: 10.1002/pssb.201700160
- M. Sekania, W. H. Appelt, D. Benea, H. Ebert, D. Vollhardt and L. Chioncel, *Scaling behavior of the Compton profile of alkali metal elements*, *Physica A: Statistical Mechanics and its Applications* 489, 18-27.
- Josef Andreas Weber, Diana Benea, Liviu Chioncel, Hubert Ceeh, Michael Leitner, Peter Boeni, Dieter Vollhardt, Christoph Hugenschmidt *Electronic Correlations in Vanadium Revealed by Electron-Positron Annihilation Measurements*, *Physical Review B* 95 (7), 075119.
- *Electronic structure and magnetic properties of $Fe_{16}N_2$ doped with Ti*, D. Benea, O. Isnard and V. Pop, *Journal of Magnetism and Magnetic Materials* 420, 75-80.
- Teodora Radu, Cristian Iacovita, Diana Benea, and Rodica Turcu, *X-Ray Photoelectron Spectroscopic Characterization of Iron Oxide Nanoparticles*, *Applied Surface Science* 405, 337-343.
- Effects of Co for Mn substitution on the electronic properties of $Mn_{2-x}Co_xVAl$ as probed by XPS, Radu Gavrea, Cristian Leostean, Marin Coldea, Olivier Isnard, Viorel Pop and Diana Benea, *Intermetallics*, submitted